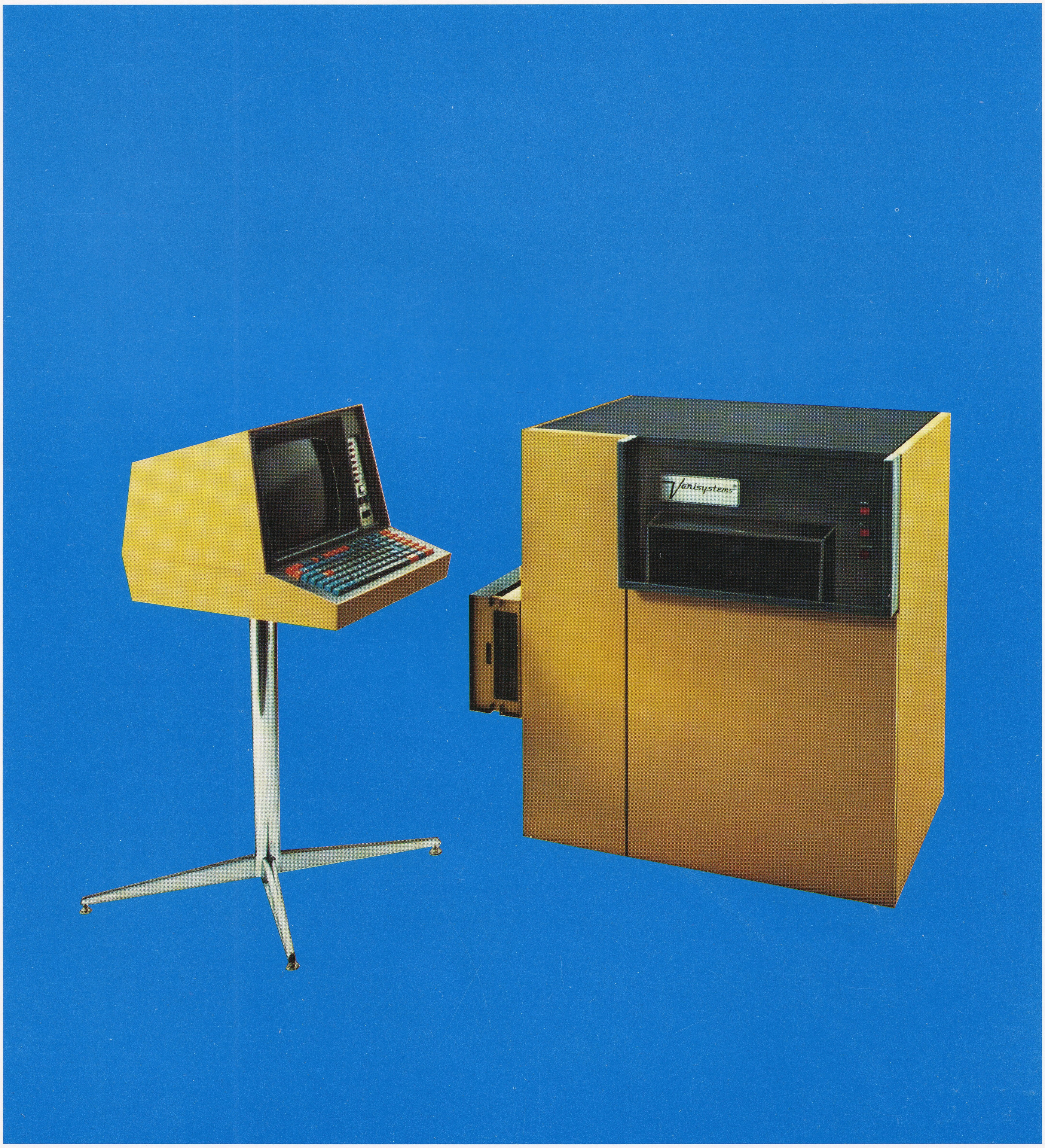
BOBST

Varisetter 1

Direct Entry Typesetter


Varisystems

Product Specification Varisetter 1

The unique multi-processing capability of the Bobst Graphic Varisetter 1 has revolutionized direct entry phototypesetting. Unlike traditional, direct-entry systems, the Varisetter 1 permits simultaneous processing of input-to-disk and output-to-phototypesetter from an extensive file query. The operator updates the text on the screen utilizing the most sophisticated editing and composing program available in any direct-entry system in production today. When multi-processing on the Varisetter 1, all the parameters for copy being processed on-screen are fully independent of those for the text being typeset.

By combining the proven front-end editing capability of the Varicomposer with the precision of the Bobst phototypesetter, the Varisetter 1 provides the commercial typesetter and the in-plant printer unmatched versatility and guaranteed accuracy heretofore unattainable in any direct-entry system.

Consider the many features of the Varisetter 1 before deciding which direct-entry phototypesetter is best for your business.

Pagination/Vertical Justification

The system allows automatic pagination with vertical justification of up to 64 pages with running heads and page numbers.

Ruling

Full horizontal and vertical ruling is standard. The ruling package also provides an underline capability.

Automatic Kerning

The program allows automatic kerning values to be applied to each of up to 127 character pairs. Kerning values applied are point size/style dependent, with different values available for each combination.

Copy Movement

Complete copy management is allowed for the transfer of any copy from one location on disk to another location on disk.

Insertion

The capability is provided to insert any number of jobs into another job. The insertion of any material can be repeated as often as desired.

Tabs

Thirty-one tab columns are provided. Each tab column's parameters are independent from each other and from the overall parameters which are in effect. Tabs can be set justified, quadded or with a mixture of quads and justified text. Screen tabs are selectable by the operator to provide easier reading and decrease errors in tabular material.

Formats

A 1,000-character format area is provided. Formats can be of any length and identified with any two-character identifier. Nesting of up to 32 formats is allowed. Formats can be stored on disk for re-use at any time.

Search

Global search and single string search is provided. In global search, multiple errors can be specified and corrected without operator intervention. In single string search, each dissimilar change or correction is specified individually. In the single string search, all common changes can be made automatically.

Internal Exception Dictionary

A 12,000-character dictionary is standard. The operator can easily add to or delete from this dictionary area. The internal dictionary can be written onto disk for re-use at another time.

Hyphenation/Justification

The program provides automatic hyphenation and justification. Hyphenation can be totally automatic, semi-automatic with operator intervention, by exception rules, or turned off so all lines are word wrapped. All of these features are also available with quad locks for ragged copy. Markers are provided to show the beginning and ending of the justification zone.

Multiple Job Output

Up to 16 jobs can be selected for output at any time. The system will automatically output the selected jobs sequentially. The 16 jobs can be subdivided in any increments to provide an automatic stop at any point desired.

File Management

A directory is provided on the disk to show the complete content of the disk. A status message is also provided to indicate the last operation performed on any file. The operator has the capability of protecting the whole disk or any individual file on the disk from write over.

Status Indicators

Status Indicators for more than 20 conditions governing both foreground and background tasks are provided.

Scrolling

The system offers forward scrolling through the content of an entire disk file and reverse scrolling through 32 lines. Scrolling can be halted and restarted at any time.

Leading Accuracy

A leading accuracy of 1/16 of a point is assured in up to 3,060 points of forward leading. Reverse leading accuracy of 1/16 of a point is assured in up to 864 points of reverse leading.

Product Specification Varisetter 1

Line Lengths
Line lengths to 69 picas are available in all point sizes. Equal copy density at all points in the line are possible because of a complete absence of mirrors and providing a constant distance between the light source and the photo material.

Reverse Leading
Accurate reverse leading of up to 12 inches (864 points) is provided.

Point Sizes
Up to 15 sizes are available in interchangeable lens packs. Eight sizes are on-line at any one time.

Fonts
Eight faces of 126 characters each are on-line at any one time. The faces are on easily changeable glass disks for quality of type. There are approximately 200 faces available.

Keyboard
The functional, color-coded keyboard provides contoured keytops for ease of data entry and provides single key access to most typesetting functions. Most keys are transferable to match any existing layout you may be used to working with.

CRT Display
Up to 1,800 characters are displayed in approximately 18 point type for ease of reading.

Invalid Entries
The system will not accept invalid commands. An audible alarm is sounded to alert the operator if an invalid command is entered.

Varisetter 2 (additional features)
The Varisetter 2 offers all of the capabilities of the Varisetter 1. It also offers additional features because the system has two disk drives.

External Dictionary — With this system an external exception dictionary can be added. The dictionary disk contains approximately 17,500 words and is expandable to 36,000 words.
Added Convenience — Usage of the dual disk provides additional convenience to an operator by decreasing the number of times a disk must be changed. The additional disk drive also permits the duplication of disks providing a back-up copy capability.

SPECIFICATIONS

Configuration:
Keyboard with display and typesetter.

Keyboard:
123 contoured keys for: Entry of alpha/numeric text. Controlling keyboard functions. Entering typesetting functions.

Display:
Character Size — Approximately 18 point.
Screen Capacity — 1,800 characters for job display plus 200 characters for status messages.
Cursor — Character size and rectangular in shape.

System Functions:
Functions consist of but are not limited to the following:
Pagination — up to 64 pages.
Vertical Justification — depth definable in picas and points.
Ruling — Vertical and horizontal rules in any of four thicknesses. Ruling also provides an underline capability.
Automatic Kerning — Up to 127 character pairs. Point size and style dependent.
Copy Movement — Capable of transferring whole jobs or up to 60 sections of any one job.
Tabs — 31 independent tab columns.
Formats — 1,000-character format area with nesting of up to 32 formats.
Search — Global or single field search.
Hyphenation/Justification — Automatic, semi-automatic or manual.
Rejustification — Automatic or semi-automatic.
Internal Dictionary — Up to 12,000 characters.
Multiple Job Output — Stringing of up to 16 output jobs.
File Management — Disk directory of entire disk content provides write protection of the whole disk or individual file.
Scrolling — Forward scrolling through entire disk file. Reverse scrolling through 32 lines.
Leading Accuracy — Maximum error is 1/16 point in either 3,060 points of forward lead or 864 points of reverse lead.
Point Sizes — 8 sizes on-line.
Fonts — 8 fonts of 126 characters each on-line.

Physical Data:
Weight: 410 lbs.(225 kg. approx.)
Shipping Weight: 474 lbs. (245.25 kg. approx.)
Keyboard
  Height: 15 to 25 in.(38.1 to 63.5 cm.)
  Width: 17 in.(43.18 cm.)
  Depth: 21 in.(53.34 cm.)
Typesetter
  Height: 39½ in.(100.33 cm.)
  Width: 40 in.(101.6 cm.)
  Depth: 29 in.(73.66 cm.)

Environmental Data
Temperature: 0 to 50 degrees Celsius (32 to 120 degrees Fahrenheit)
Relative Humidity: Up to 85% (no condensation)
Altitude: Mean sea level to 10,000 feet

Electrical Requirements:
Voltage: 115 VAC or 220 VAC
Frequency: 50 Hz or 60 Hz
Power: 900 Watts
This unit must be installed on an AC line free from severe voltage fluctuations and line noise.

BOBST GRAPHIC INC.
VARISYSTEMS DIVISION

80 Skyline Drive, Plainview, N.Y. 11803
Tel. 516 931-7200, Telex 144613
Sales & Service: Atlanta (404) 952-2310 New York (516) 931-7200
San Francisco (415) 935-0572 St. Petersburg (813) 842-5713
Worldwide Agent: Shefra International, Ltd., Slough, England,
Tel. 753 38779, Telex 851848527
Distributors In: Australia, Austria, Belgium, Denmark, England, Finland,
France, Greece, Holland, Hong Kong, Ireland, Israel, Italy, Malaysia,
Norway, South Africa, Spain, Sweden, Switzerland, Thailand,
West Germany